

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093993.D
 Acq On : 28 Mar 2017 15:31
 Operator : SJ/MA
 Sample : PB97829BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:34:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

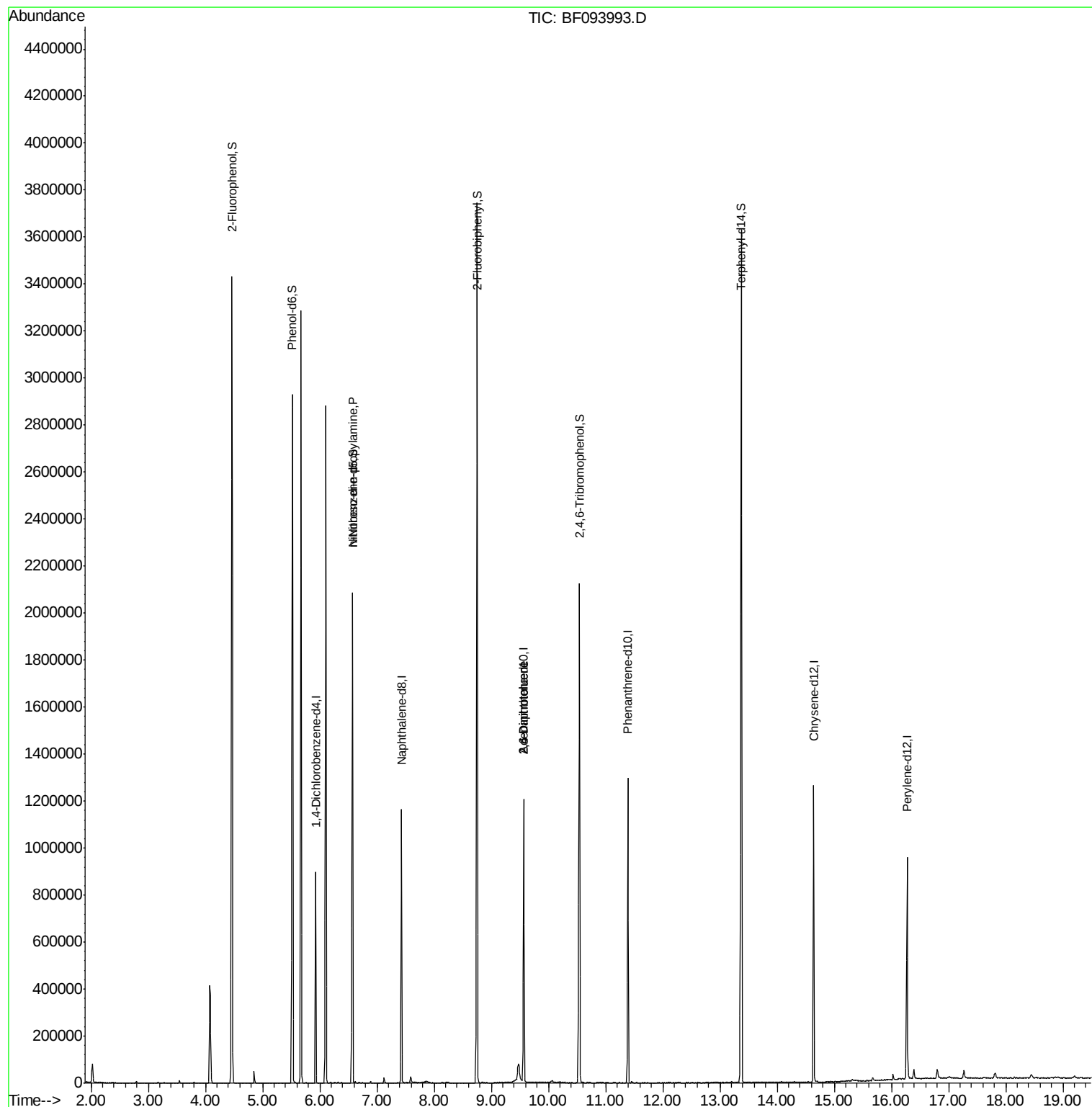
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	145960	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	590689	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	274661	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	510310	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	475281	20.00	ng	-0.04
86) Perylene-d12	16.27	264	402005	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1084501	125.50	ng	-0.01
7) Phenol-d6	5.52	99	1343509	125.67	ng	-0.03
23) Nitrobenzene-d5	6.57	82	830514	80.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	308786	142.27	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1546365	85.87	ng	-0.03
78) Terphenyl-d14	13.37	244	1441798	68.00	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	108330	15.77	ng	# 77
50) 2,6-Dinitrotoluene	9.57	165	34370	7.68	ng	# 33
56) 2,4-Dinitrotoluene	9.57	165	34370	6.11	ng	# 32

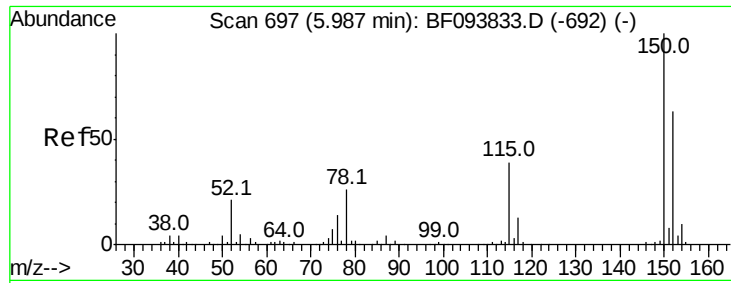
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093993.D
Acq On : 28 Mar 2017 15:31
Operator : SJ/MA
Sample : PB97829BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 02:34:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration



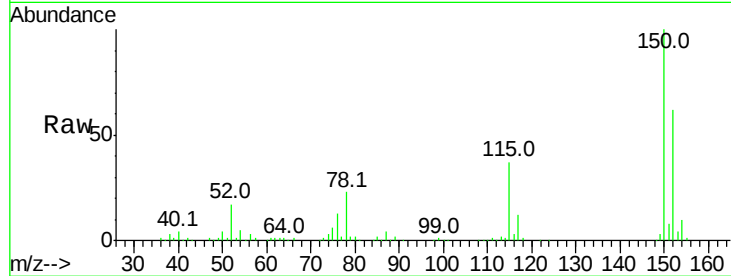


#1

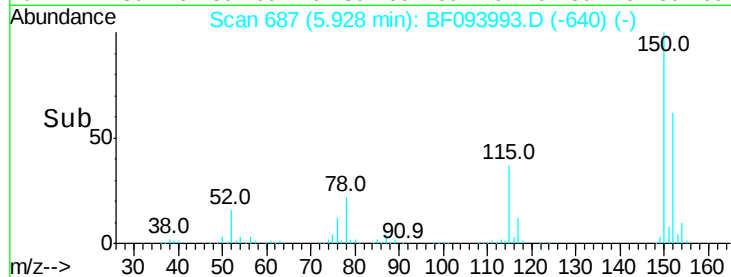
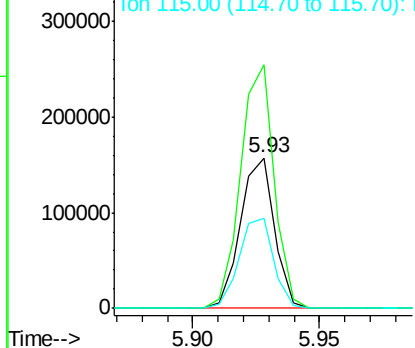
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093993.D
Acq: 28 Mar 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145960
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 59.8 52.2 78.2



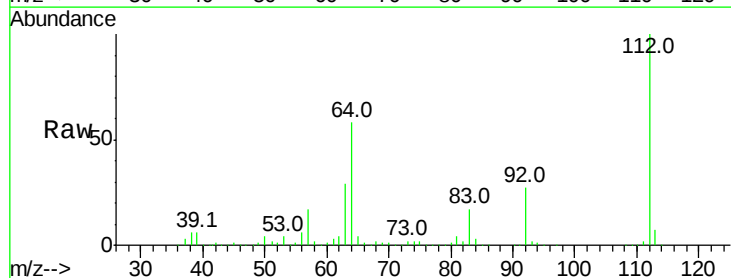
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



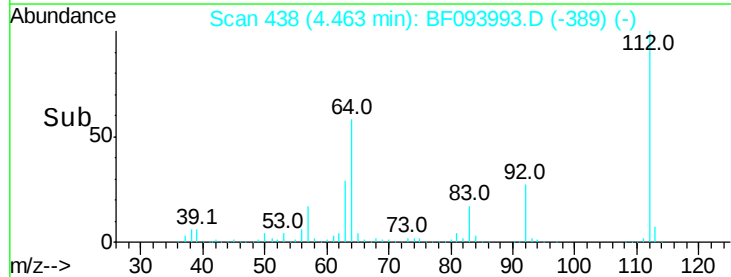
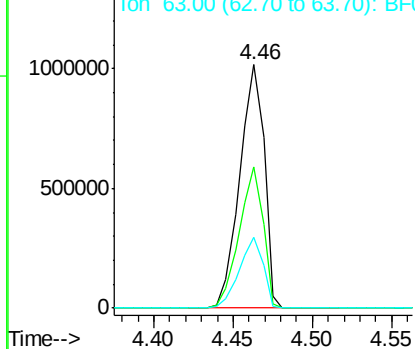
#5

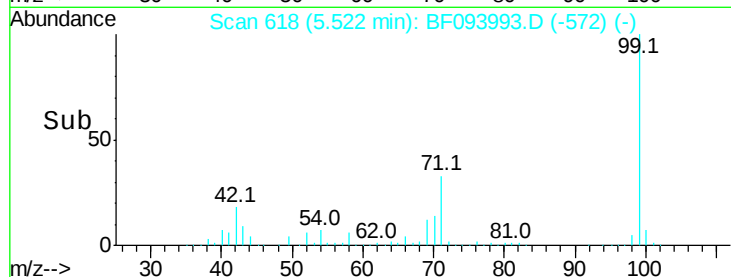
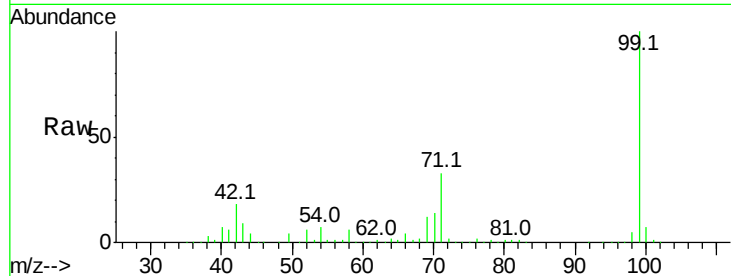
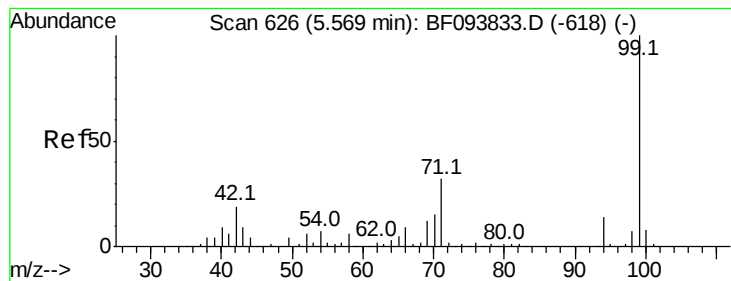
2-Fluorophenol
Concen: 125.50 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093993.D
Acq: 28 Mar 2017 15:31

Tgt Ion:112 Resp: 1084501
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.67 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

Instrument :

BNA_F

ClientSampled :

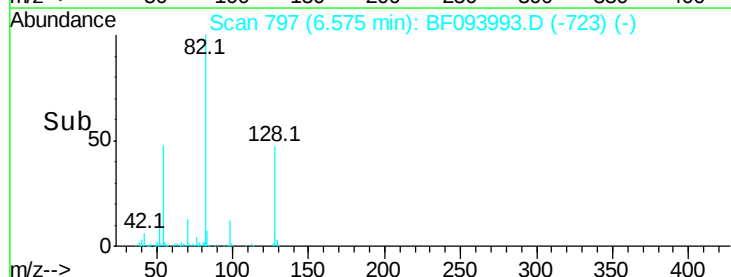
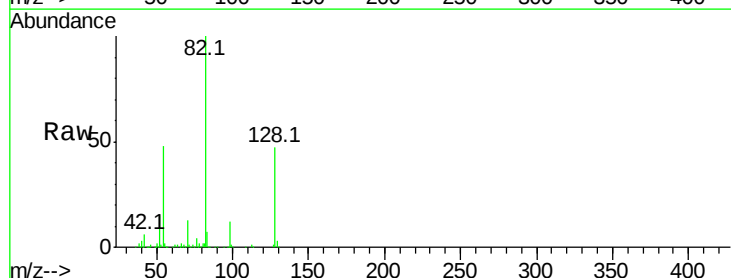
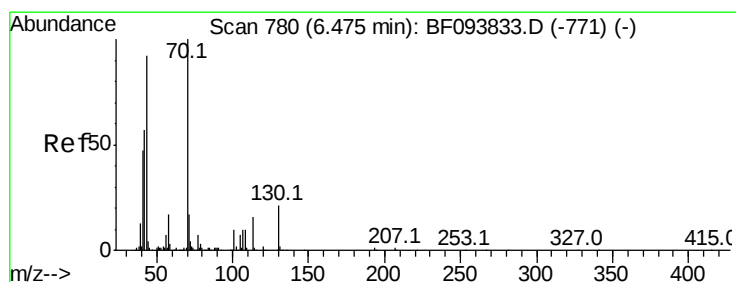
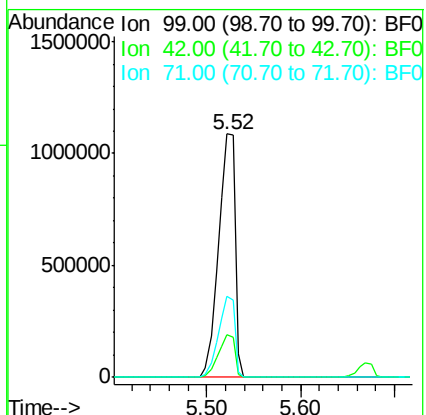
Tot Ion: 99 Resp: 1343509

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 33.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.77 ng

RT: 6.57 min Scan# 797

Delta R.T. 0.14 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

Tgt Ion: 70 Resp: 108330

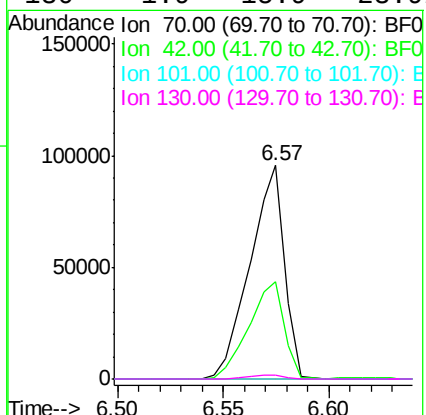
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 590689

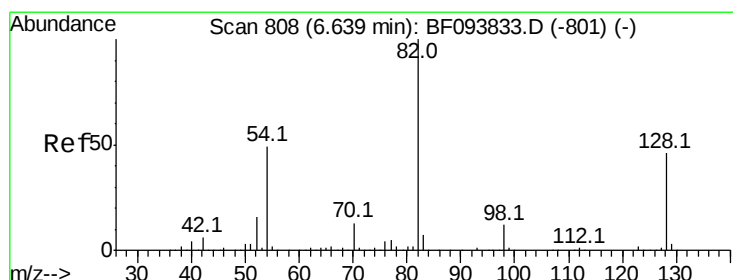
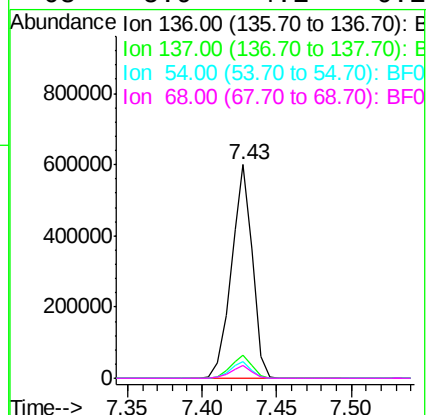
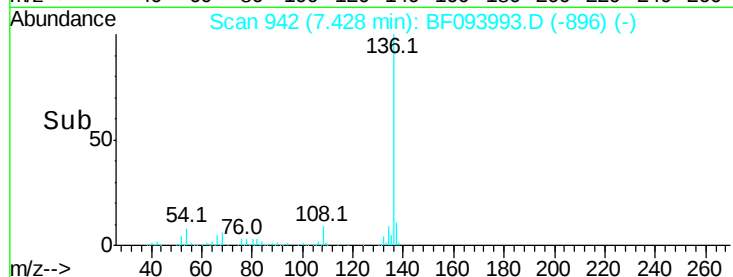
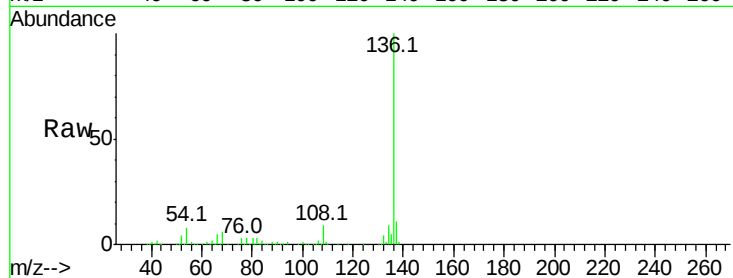
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 80.24 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

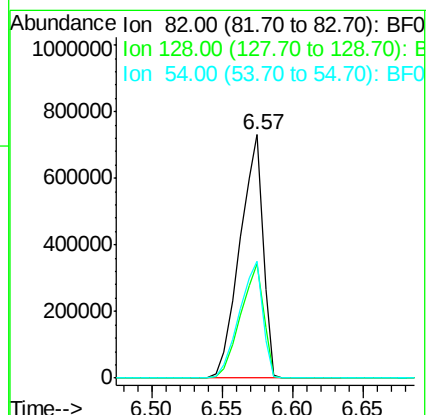
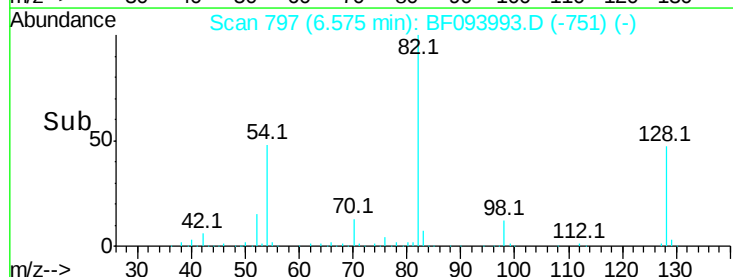
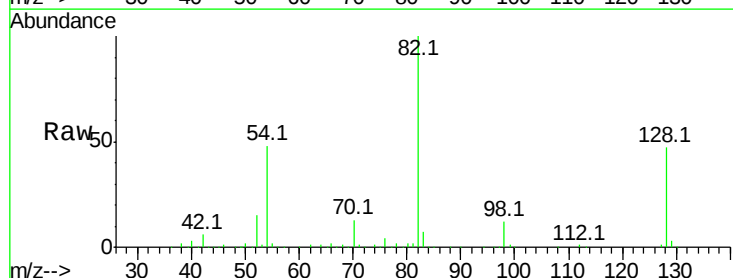
Tgt Ion: 82 Resp: 830514

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

54 48.2 42.2 63.2

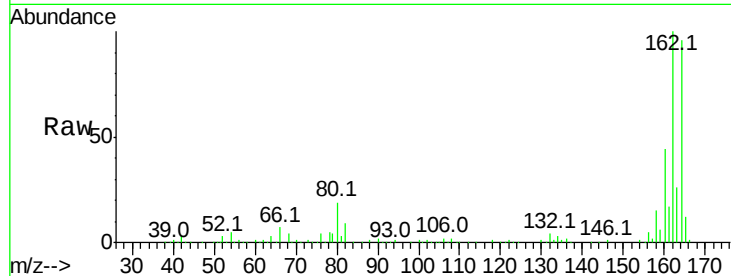




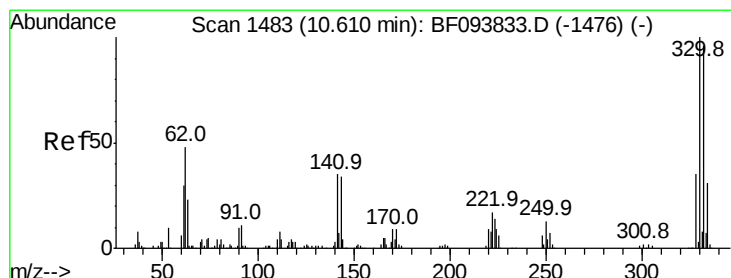
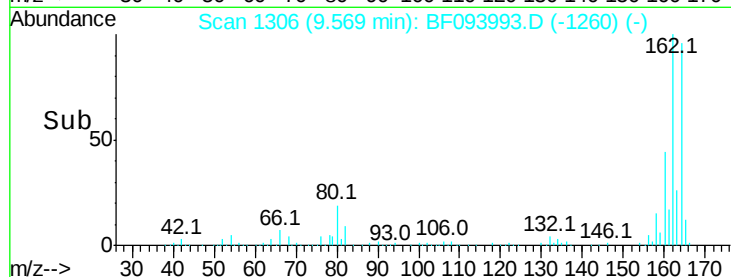
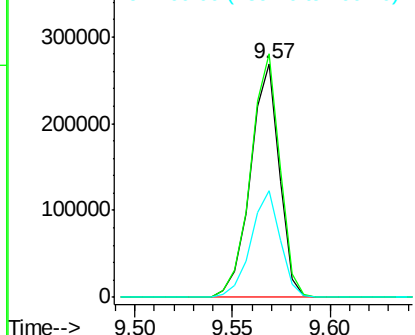
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 274661
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.8 36.2 54.2

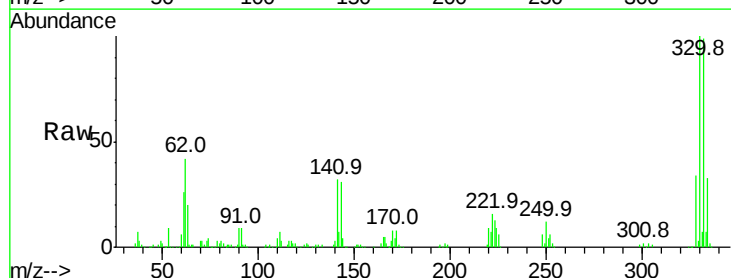


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

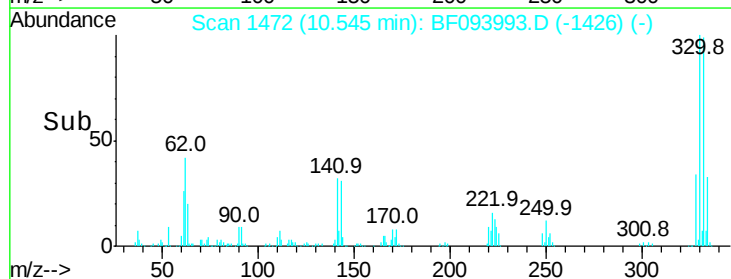
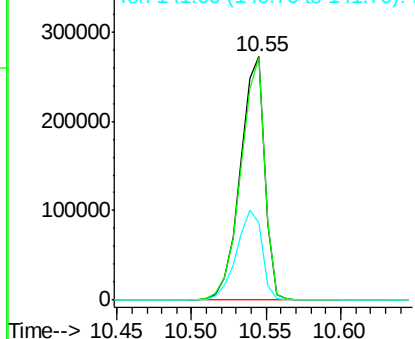


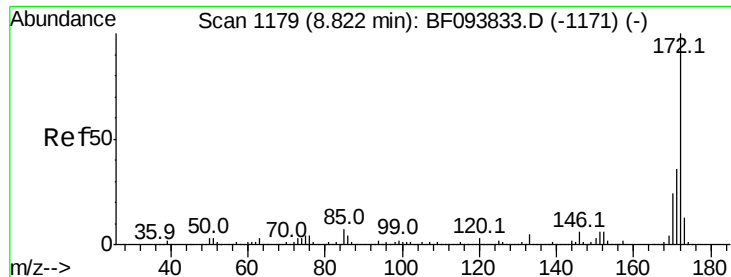
#41
 2,4,6-Tribromophenol
 Concen: 142.27 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Tgt Ion:330 Resp: 308786
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 38.6 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



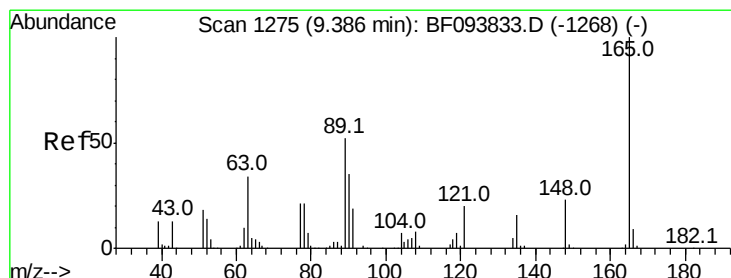
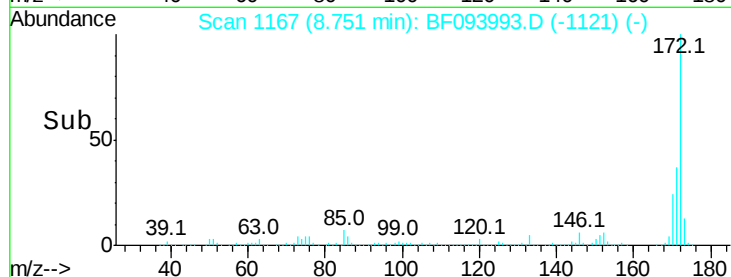
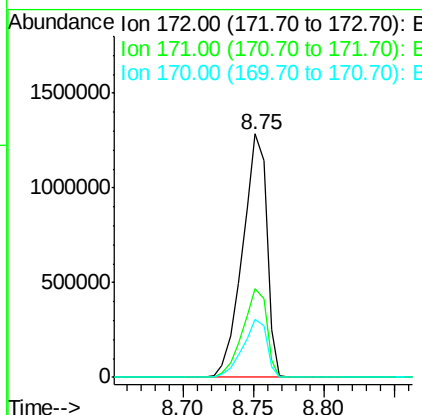
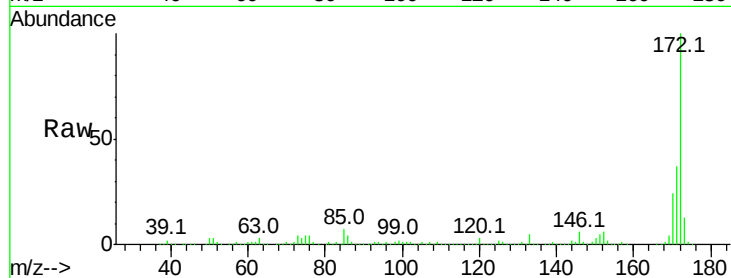


#44
 2-Fluorobiphenyl
 Concen: 85.87 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1546365

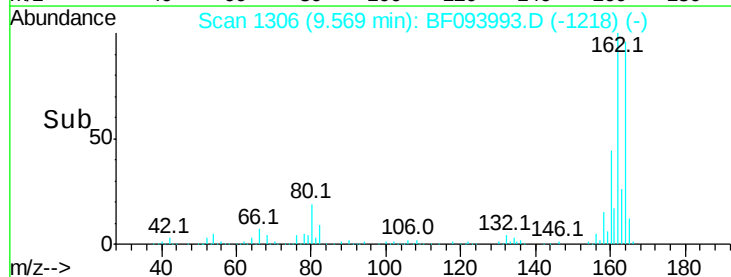
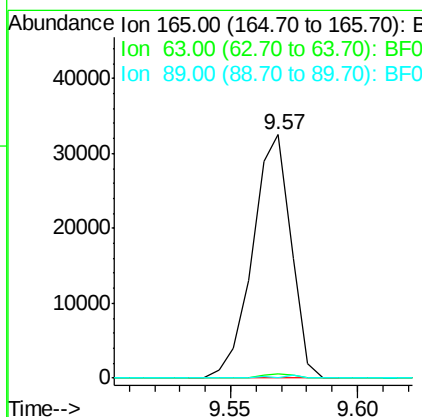
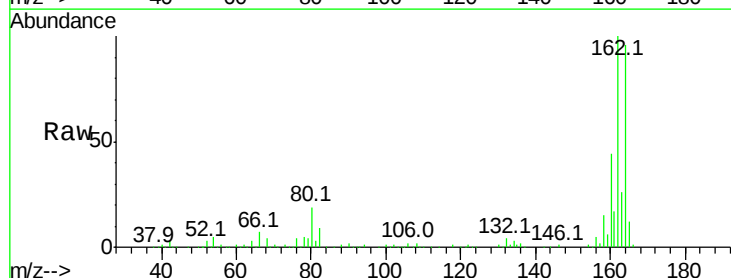
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Tgt Ion:165 Resp: 34370

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	0.0	37.1	55.7#

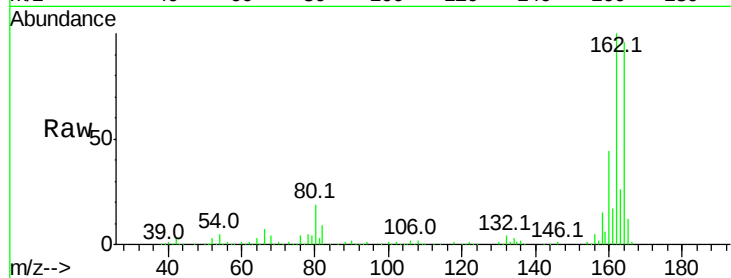




#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.28 min
Lab File: BF093993.D
Acq: 28 Mar 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

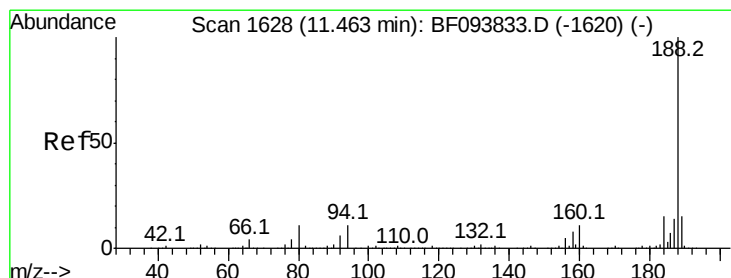
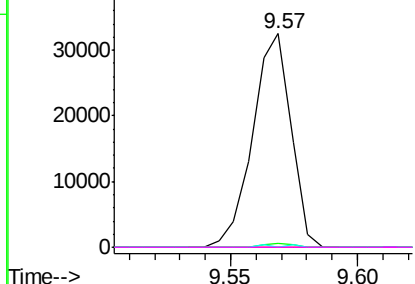
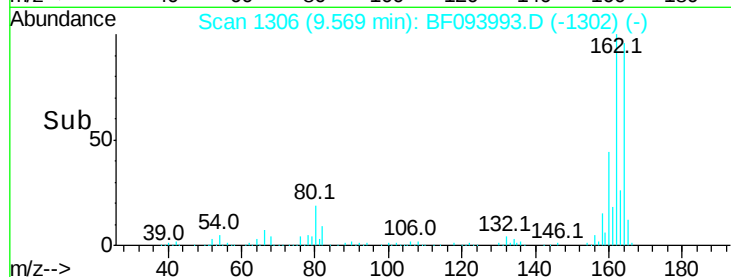


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

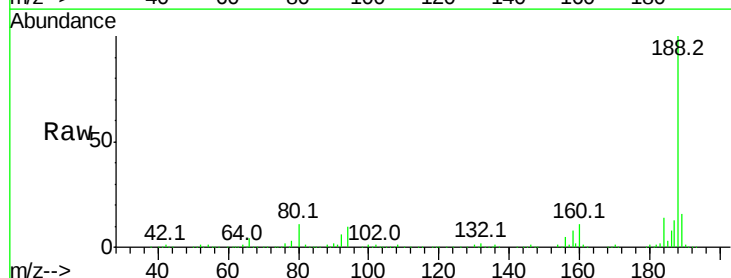
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF093993.D
Acq: 28 Mar 2017 15:31

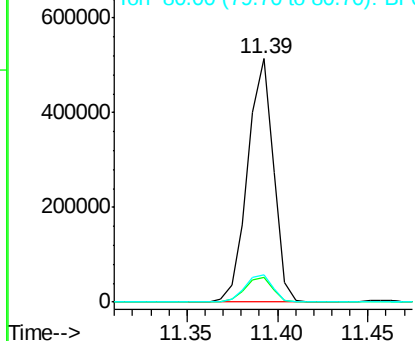
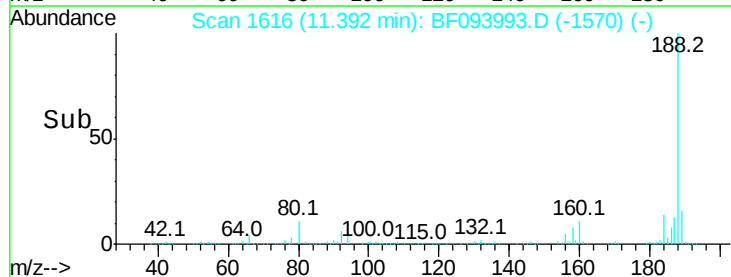
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.0	10.2	15.2

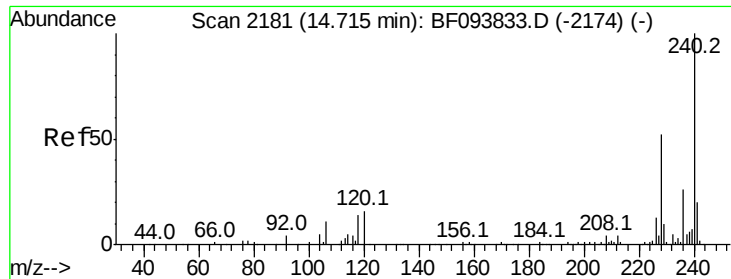


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

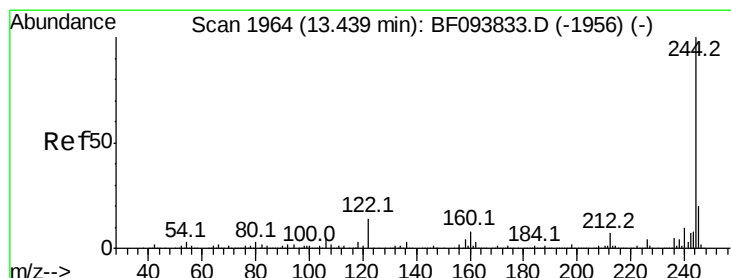
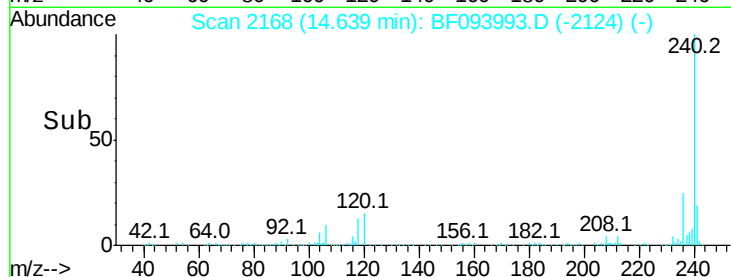
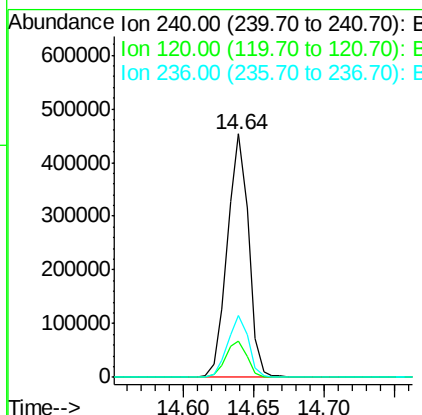
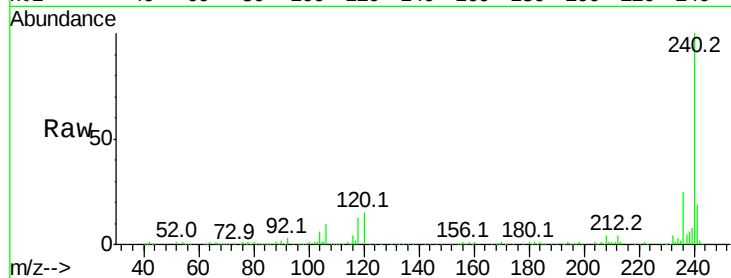




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. -0.04 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

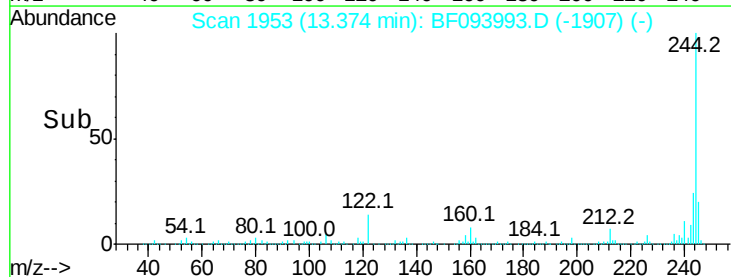
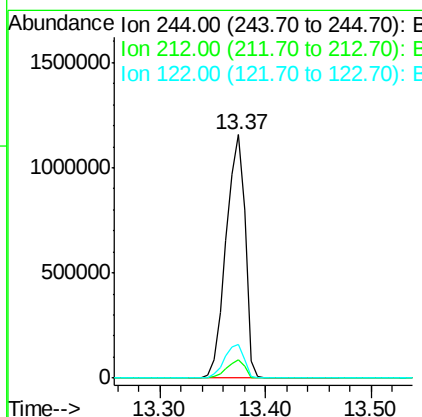
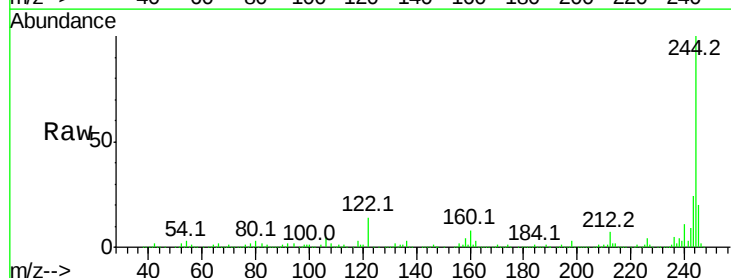
Instrument :
 BNA_F
 ClientSampleId :

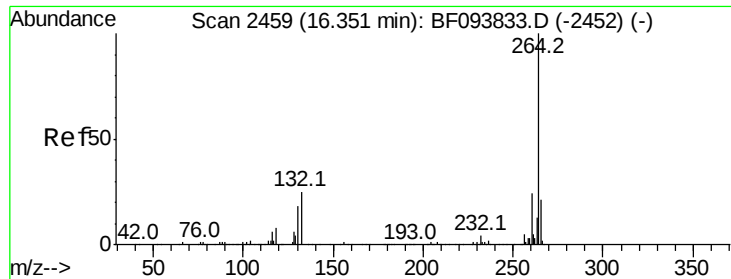
Tot Ion:240 Resp: 475281
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 68.00 ng
 RT: 13.37 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Tgt Ion:244 Resp: 1441798
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5

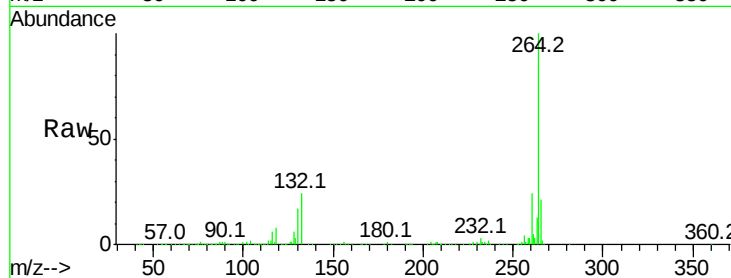




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

